

Attorney Docket No.: P-5390-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): MENCHIK, Guy et al. Examiner: Not yet Assigned  
Serial No.: Not Yet Assigned Group Art Unit: Not Yet Assigned  
Filed: Filed Herewith  
Title: THREE-DIMENSIONAL OBJECT PRINTING

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. ☒ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents, and/or United States patent applications, and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☐ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;
4. ☐ listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

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The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) ☒ Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R. §1 97 (b); or

II) ☐ After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R. §1.113 or a notice of allowance under 37 C.F.R. §1.311 whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1 56(c) more than three (3) months prior to the filing of this information disclosure statement; or

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2. ☐ the undersigned hereby authorizes the Patent Office to charge the fee in the amount of \$180.00 under 37 C.F.R §1 17 (p) to Deposit Account 50-3355.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee and,

1. The undersigned hereby states:

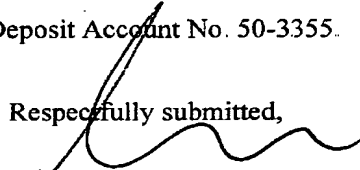
a) ☐ that each item of information cited on the form PTO-1449 was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

b) ☐ that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R §1 17 (p) to Deposit Account 50-3355.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1 16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-3355.

Respectfully submitted,

  
Caleb Pollack  
Attorney for Applicant(s)  
Registration No. 37,912

Dated: May 9, 2005

Pearl Cohen Zedek Latzer, LLP  
10 Rockefeller Plaza, Suite 1001  
New York, New York 10020  
Tel: (212) 632-3480  
Fax: (212) 632-3490

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PTO/SB/08A (10-96)

Approved for use through 10/31/99 OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Assigned 10/532
				Filing Date	Filed Herewith
				First Named Inventor	MENCHIK, Guy
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	P-5390-US
Sheet	1	of	3		

U.S. PATENT DOCUMENT						
Examiner Initials*	Cite No. <sup>1</sup>	U S Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A	4,575,330		Hull	March 11, 1986	
	B	5,204,055		Sachs, et al	April 20, 1993	
	C	5,136,515		Helinski	August 4, 1992	
	D	5,216,616		Masters	June 1, 1993	
	E	5,263,130		Pomerantz, et al	November 16, 1993	
	F	5,287,435		Cohen, et al	February 15, 1994	
	G	5,340,433		Crump	August 23, 1994	
	H	5,387,380		Cima, et al.	February 7, 1995	
	I	5,510,066		Fink, et al	April 23, 1996	
	J	5,594,652		Penn, et al	January 14, 1997	
	K	5,588,340		Medard, et al	January 28, 1997	
	L	5,695,707		Almquist, et al	December 9, 1997	
	M.	5,695,708		Karp, et al	December 9, 1997	
	N	5,717,599		Menhennett, et al	February 10, 1998	
	O	5,784,279		Bariage III, et al	July 21, 1998	
	P	5,902,537		Almquist, et al	May 11, 1999	
	Q	5,943,235		Earl, et al	August 24, 1999	
	R	6,030,199		Tseng	February 29, 2000	
	S	6,126,884		Kerekes, et al	October 3, 2000	
	T	6,136,252		Bedal, et al	October 24, 2000	

[illegible]

Examiner Signature		Date Considered	
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\***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Filed Herewith
				First Named Inventor	MENCHIK, Guy
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	6,165,406		Jang, et al	December 26, 2000	
	BB	6,193,923		Leyden, et al	February 27, 2001	
	CC	6,238,112		Girones et al.	May 29, 2001	
	DD	6,259,962		Gothalt	Jul. 10, 2001	
	EE	6,347,257		Bedal, et al	February 12, 2002	
	FF	6,490,496		Dacey	December 3, 2002	
	GG	6,405,095		Jang, et al	June 11, 2002	
	HH	6,508,971		Leydon et al.	Jan. 21, 2003	
	II	6,532,394		Earl, et al	March 11, 2003	
	JJ	6,569,373		Napadensky	May 27, 2003	
	KK	6,658,314		Gothalt	Dec. 2, 2003	
	LL	2002/0011693		Leyden, et al	January 31, 2002	
	MM	2002/0171177		Kritchman et al.	Nov. 21, 2002	
	NN	2003/0151167		Kritchman	Aug. 14, 2003	
	OO	2003/0207959		Nadpensky et al.	Nov 6, 2003	
	PP	09/412,618		Gothalt		
	QQ	09/484,272		Gothalt	Jan. 18, 2000	

[illegible]

Examiner Signature		Date Considered	
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\***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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JC14 Rec'd PCT/PTO 11 MAY 2005

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	Not Yet Assigned
				Filing Date	Filed Herewith
				First Named Inventor	MENCHIK, Guy
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
(use as many sheets as necessary)				Attorney Docket Number	P-5390-US
Sheet	3	of	3		

10/534615

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book magazine, journal, serial, symposium, catalog etc ), date, page(s), volume-issue number(s) publisher, city and/or country where published.	T <sup>2</sup>
	RR	'Three Dimensional Printing: What is the 3DP Process?' <a href="http://web.mit.edu/afs/athena/org/t/tdp/www/">http://web.mit.edu/afs/athena/org/t/tdp/www/</a> ?	<input type="checkbox"/>
	SS	Z Corporation New Release, "Z Corp Debuts Robust New Materials System" April 2 1998	<input type="checkbox"/>
	TT	PCT Search Report PCT/IL03/00955	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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